

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041921AL\
 Data File : FC053276.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2021 00:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 03:21:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.550	2659554	18.409 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	12.991	2084733	18.043 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
Target Compounds			
1) T n-Nonane (C9)	3.305	2521146	20.143 ug/ml
2) T n-Decane (C10)	4.372	2549394	20.251 ug/ml
3) T A~Naphthalene (C11.7)	5.957	2788170	20.016 ug/ml
4) T n-Dodecane (C12)	6.392	2608535	20.367 ug/ml
5) T A~2-methylnaphthalene...	7.016	2830487	20.024 ug/ml
6) T n-Tetradecane (C14)	8.190	2605277	20.248 ug/ml
7) T n-Hexadecane (C16)	9.792	2539839	19.865 ug/ml
8) T n-Octadecane (C18)	11.235	2598189	19.212 ug/ml
10) T n-Eicosane (C20)	12.547	2525823	18.389 ug/ml
11) T n-Heneicosane (C21)	13.160	2473672	18.003 ug/ml
13) T n-Docosane (C22)	13.746	2418465	17.546 ug/ml
14) T n-Tetracosane (C24)	14.852	2295821	16.651 ug/ml
15) T n-Hexacosane (C26)	15.874	2163731	15.956 ug/ml
16) T n-Octacosane (C28)	16.824	2088920	15.672 ug/ml
17) T n-Tricontane (C30)	17.712	2058678	16.041 ug/ml
18) T n-Dotriacontane (C32)	18.546	2025306	16.952 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2002820	18.084 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1965077	19.474 ug/ml
21) T n-Octatriacontane (C38)	20.803	1888343	21.196 ug/ml
22) T n-Tetracontane (C40)	21.706	1988711	24.842 ug/ml

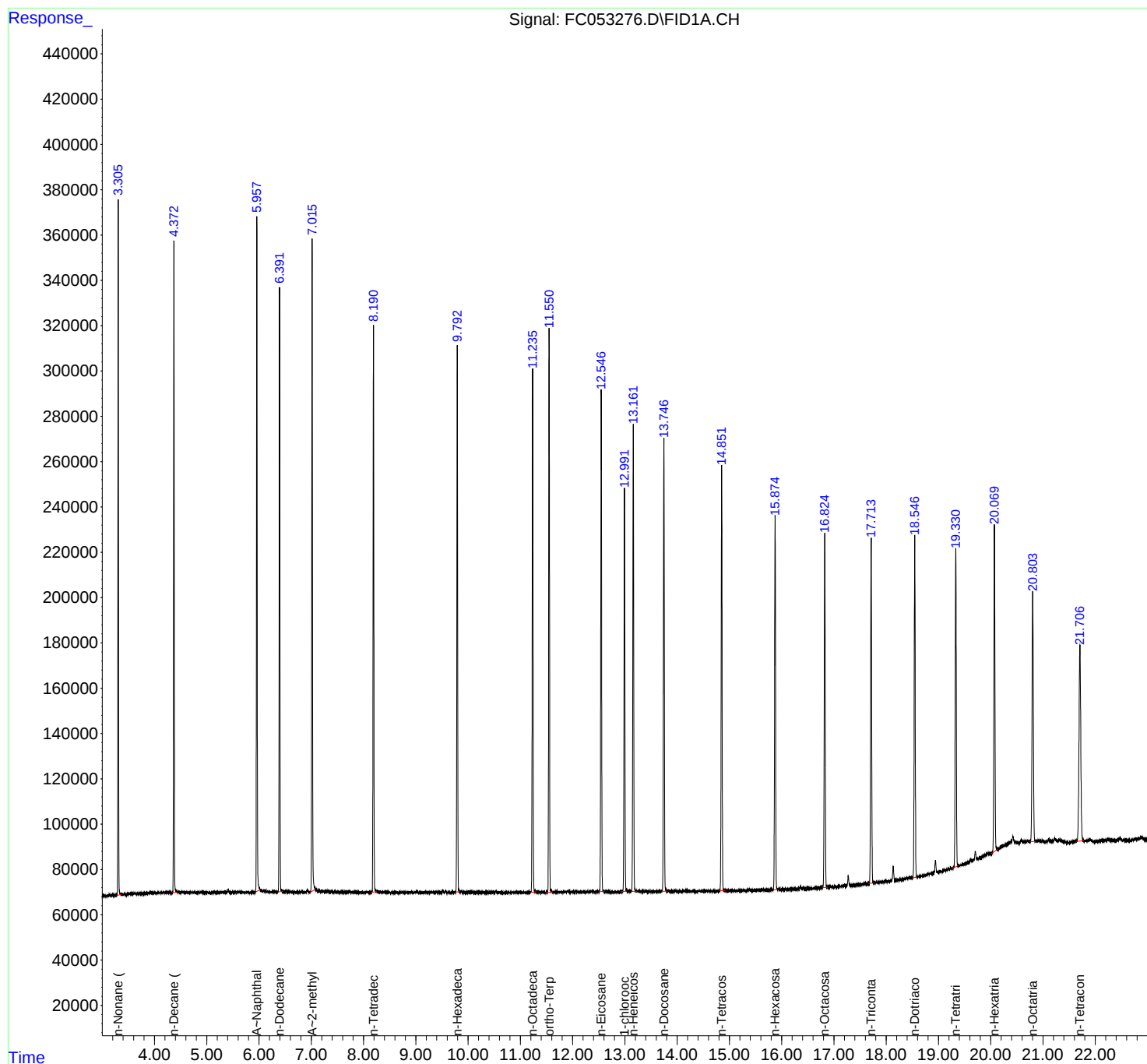
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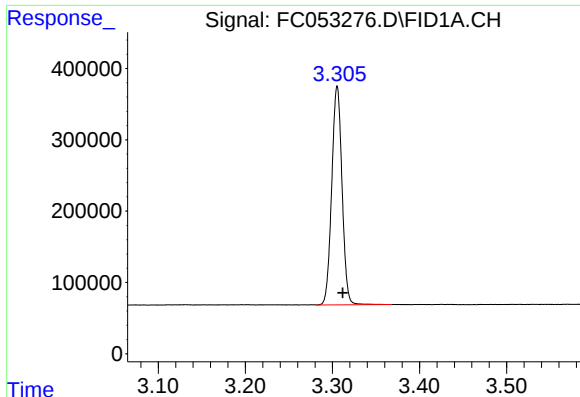
(m)=manual int.

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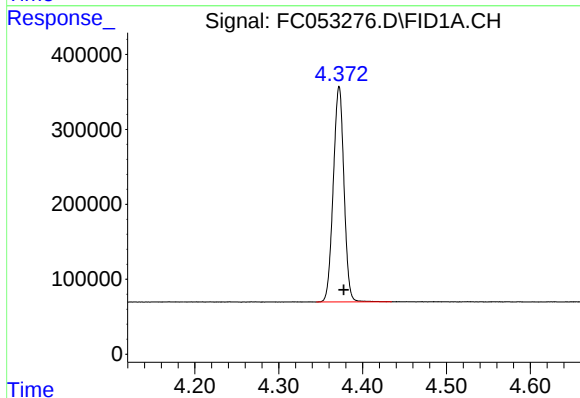
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





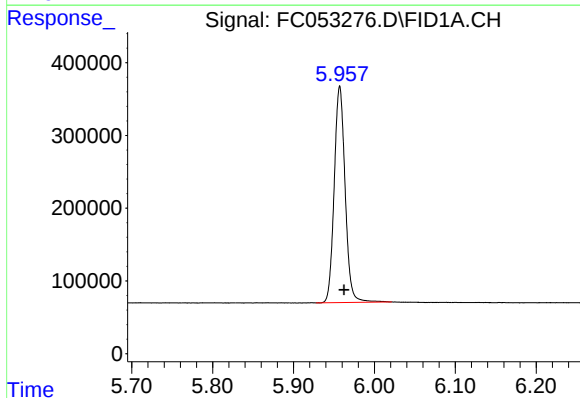
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.007 min
Response: 2521146
Conc: 20.14 ug/ml



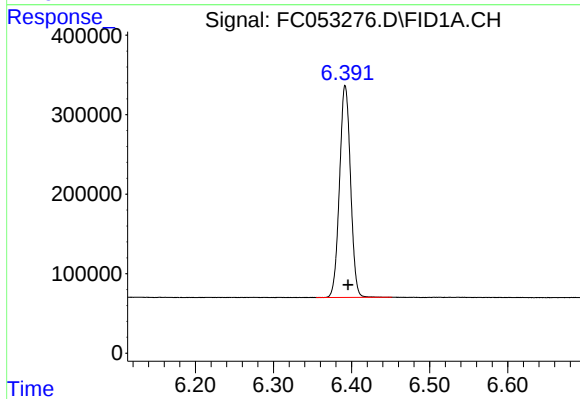
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.006 min
Response: 2549394
Conc: 20.25 ug/ml



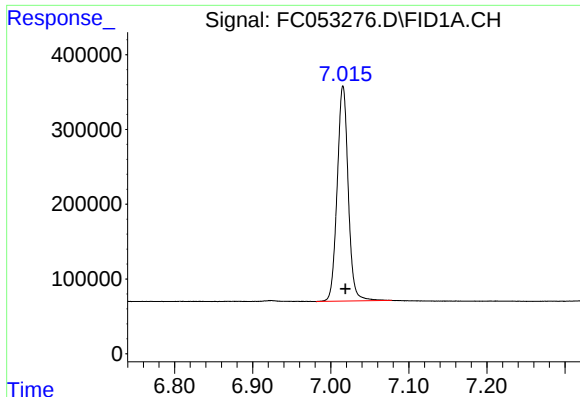
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 2788170
Conc: 20.02 ug/ml



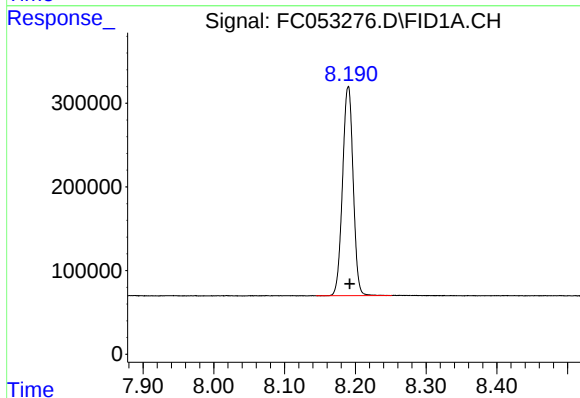
#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 2608535
Conc: 20.37 ug/ml



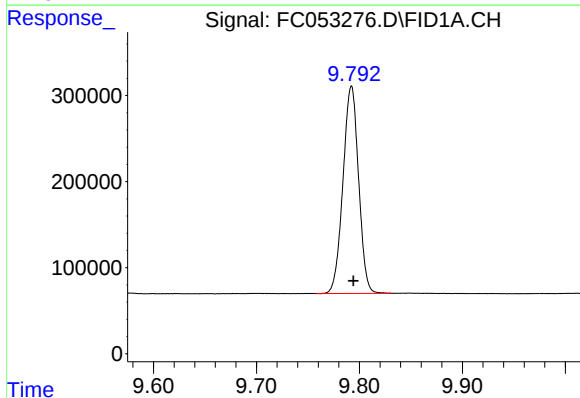
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 2830487
Conc: 20.02 ug/ml



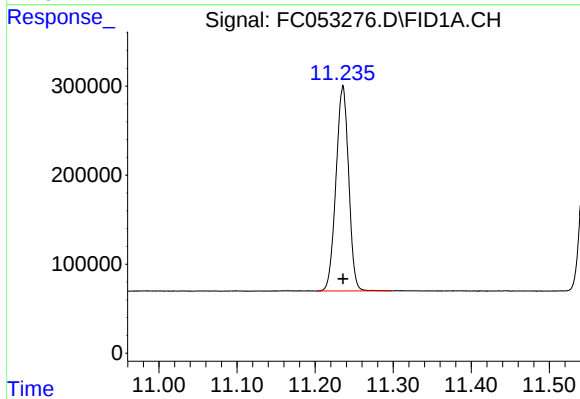
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: -0.002 min
Response: 2605277
Conc: 20.25 ug/ml



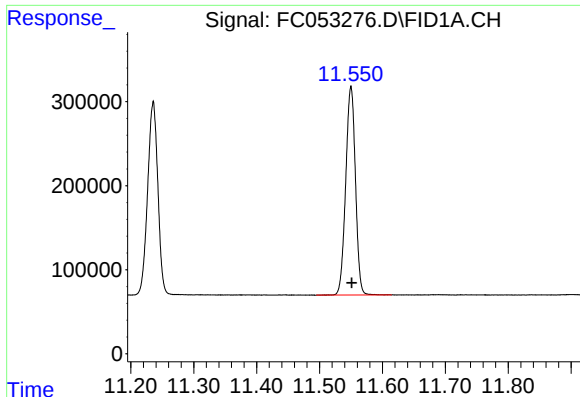
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.002 min
Response: 2539839
Conc: 19.86 ug/ml



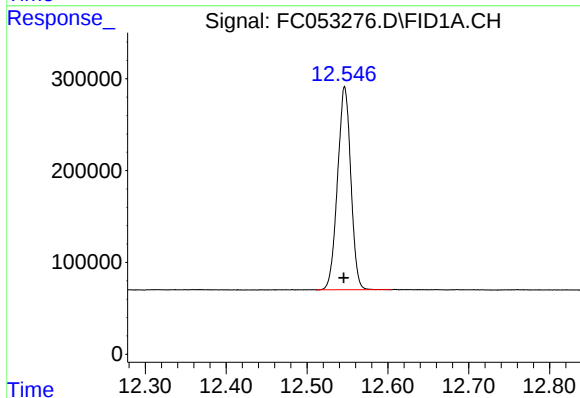
#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 2598189
Conc: 19.21 ug/ml



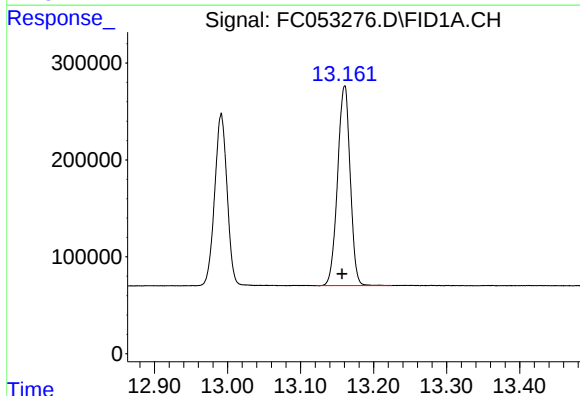
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.001 min
Response: 2659554
Conc: 18.41 ug/ml



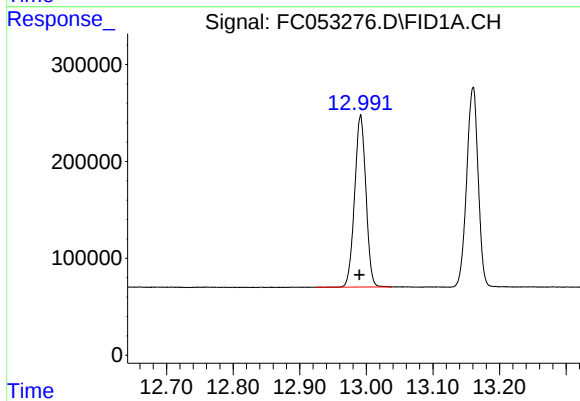
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.001 min
Response: 2525823
Conc: 18.39 ug/ml



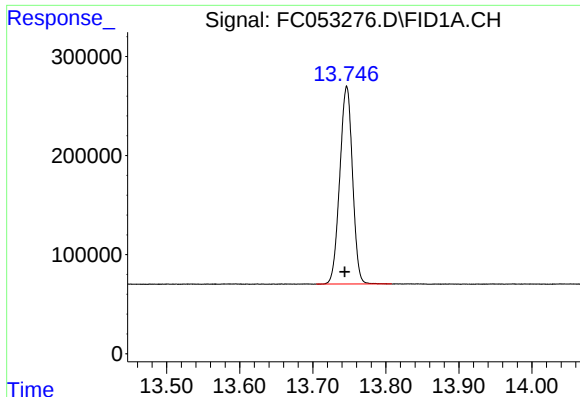
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2473672
Conc: 18.00 ug/ml



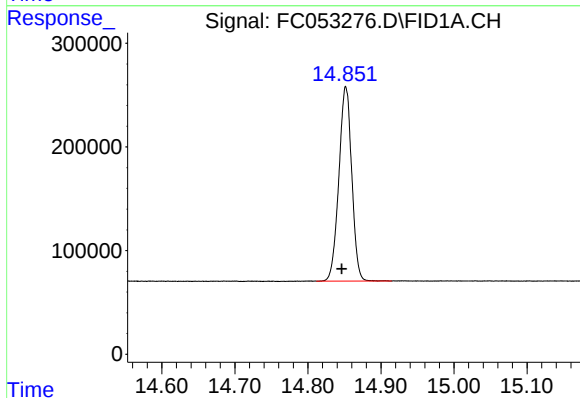
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.002 min
Response: 2084733
Conc: 18.04 ug/ml



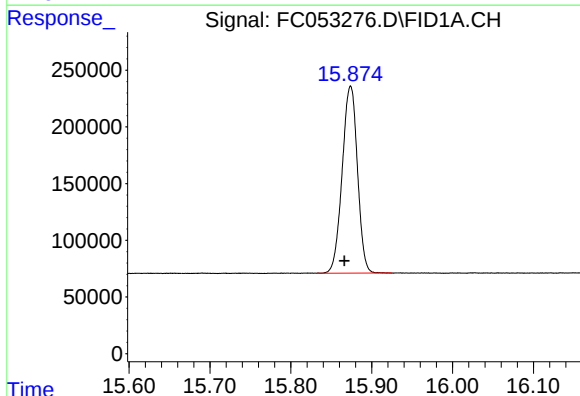
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.003 min
Response: 2418465
Conc: 17.55 ug/ml



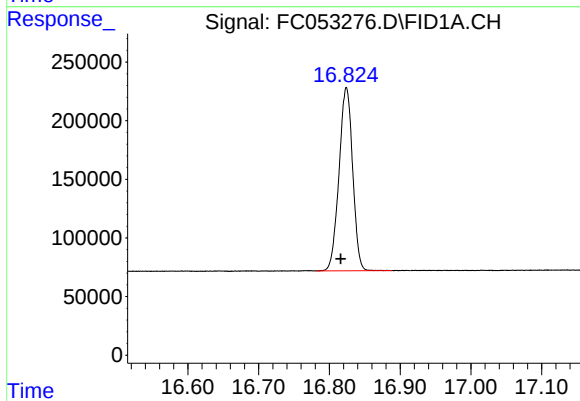
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: 0.005 min
Response: 2295821
Conc: 16.65 ug/ml



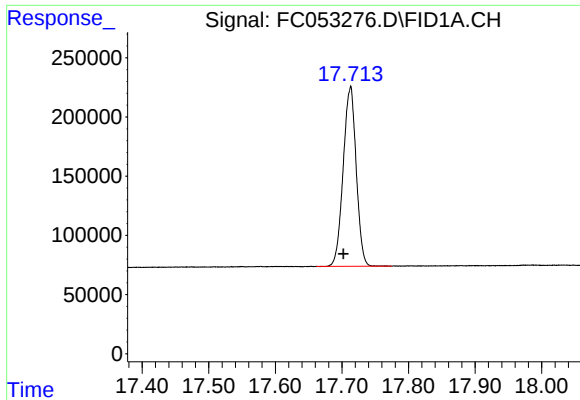
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: 0.008 min
Response: 2163731
Conc: 15.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: 0.008 min
Response: 2088920
Conc: 15.67 ug/ml



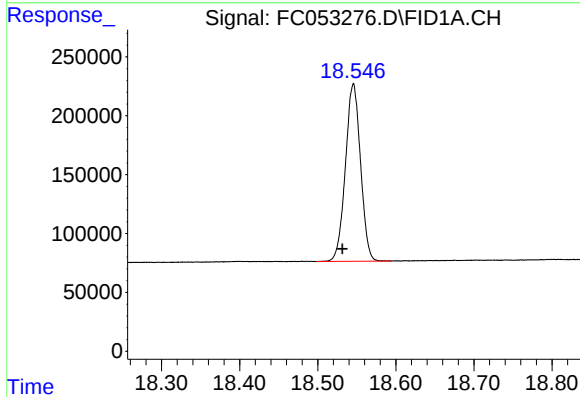
#17 n-Tricontane (C30)

R.T.: 17.712 min

Delta R.T.: 0.010 min

Response: 2058678

Conc: 16.04 ug/ml



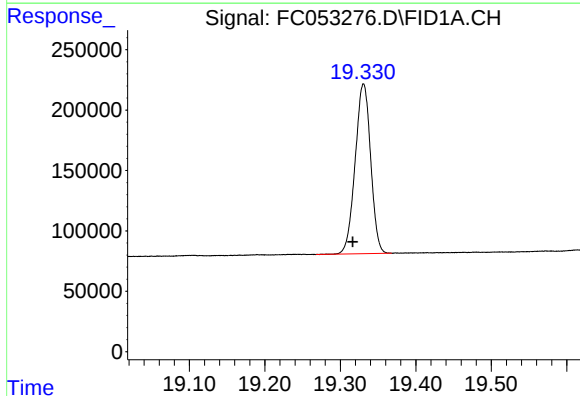
#18 n-Dotriacontane (C32)

R.T.: 18.546 min

Delta R.T.: 0.014 min

Response: 2025306

Conc: 16.95 ug/ml



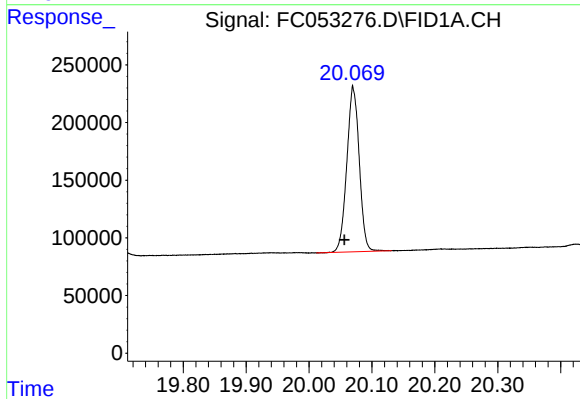
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min

Delta R.T.: 0.014 min

Response: 2002820

Conc: 18.08 ug/ml



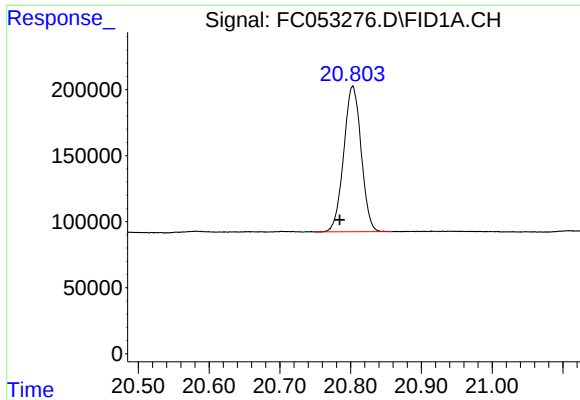
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min

Delta R.T.: 0.014 min

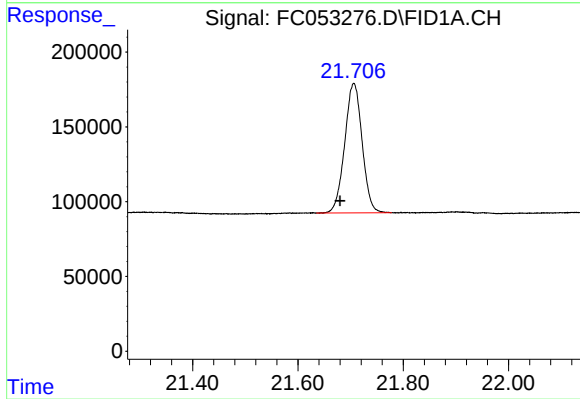
Response: 1965077

Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.018 min
Response: 1888343
Conc: 21.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.026 min
Response: 1988711
Conc: 24.84 ug/ml